

From: [Jump, Christine](#)
To: [Chris Carey](#)
Cc: snightin@kdheks.gov; [John Cook](#)
Subject: RE: 1,4-Dioxane
Date: Thursday, February 13, 2014 9:12:00 AM

Thanks.

Are you aware of any other risk-based (rather than MCL-based) RSK values for soil to groundwater that have changed since the last Tier 2 table was produced?

Chris Jump, L.G.
Waste Remediation and Permitting Branch
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Mailing address: 11201 Renner Boulevard, Lenexa, KS 66219

From: Chris Carey [<mailto:CCarey@kdheks.gov>]
Sent: Thursday, February 13, 2014 8:42 AM
To: Jump, Christine
Cc: snightin@kdheks.gov; John Cook
Subject: RE: 1,4-Dioxane

Chris,

KDHE anticipates that the next revision of the RSK Manual will include the following Tier 2 Levels for 1,4-Dioxane:

Pathway	Residential Scenario	Non-Residential Scenario
Soil Pathway (mg/kg)	79.6	247
Soil to Groundwater Pathway (mg/kg)	0.0384	0.129
Groundwater Pathway (mg/L)	0.00849	0.0285

The soil saturation concentration for 1,4-Dioxane is 126,000 mg/kg.

Please let us know if you have any questions.

Chris Carey, P.G.
Site Restoration Unit Chief
Remedial Section
KDHE Bureau of Environmental Remediation

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From: Jump, Christine [<mailto:Jump.Chris@epa.gov>]
Sent: Thursday, February 13, 2014 8:27 AM
To: Chris Carey; John Cook
Cc: Scott Nightingale
Subject: RE: 1,4-Dioxane

Since the new value is not listed on KDHE's website, can one of you send me an email with the official values so I can provide them to Clean Harbors?

Thanks.

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Mailing address: 11201 Renner Boulevard, Lenexa, KS 66219

From: Chris Carey [<mailto:CCarey@kdheks.gov>]
Sent: Wednesday, February 12, 2014 3:04 PM
To: Jump, Christine; John Cook
Subject: RE: 1,4-Dioxane

We will use these criteria moving forward; however, we have not identified significant 1,4-dioxane impacts within NIC.

Chris Carey, P.G.
Site Restoration Unit Chief
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From: Jump, Christine [<mailto:Jump.Chris@epa.gov>]

Sent: Wednesday, February 12, 2014 2:26 PM

To: John Cook; Chris Carey

Subject: 1,4-Dioxane

Is KDHE using the newly calculated residential soil to ground water criteria for 1,4-dioxane in the NIC site or for NIC PRPs?

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